American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT
VOL. 71 For Week Ended November 16, 1990 NO. 46

SUMMARY*

(In Thousands of 42-gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 11/16/90	Last Week Ending: 11/09/90	Last Year Week Ending: 11/17/89	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	12,978	12,779	13,402	199	-424
Operable capacity	15,591	15,591	15,576	0	15
Percent operated	83.2	82.0	86.0		
Motor Gasoline					
Total motor gasoline production	6,748	6,901	6,962	-153	-214
Finished leaded motor gasoline production	259	327	569	-68	-310
Finished unleaded motor gasoline production	6,489	6,574	6,393	-85	96
Total motor gasoline stocks	217,331	218,572	223,456	-1,241	-6,125
Finished leaded motor gasoline stocks	9,987	10,252	18,433	-265	-8,446
Finished unleaded motor gasoline stocks	168,393	169,133	165,670	-740	2,723
Jet Fuel Kerosine					
Jet fuel kerosine production	1,313	1,425	1,274	-112	39
Jet fuel kerosine stocks	43,682	44,830	44,118	-1,148	-436
Distillate Fuel Oil					
Distillate fuel oil production	2,839	2,865	2,955	-26	-116
Distillate fuel oil stocks	134,535	135,789	119,264	-1,254	15,271
Residual Fuel Oil					
Residual fuel oil production	912	840	1,079	72	-167
Residual fuel oil stocks	51,410	51,107	51,894	303	-484
Imports					
Crude oil imports	5,196	4,829	5,968	367	-772
Product imports	1,307	2,171	2,600	-864	-1,293
Crude Oil Stocks					
Crude oil stocks	341,215	345,356	348,943	-4,141	-7,728
Crude Supply Balance	-188				

*See definitions on page 6.

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,239	1,021	1,021	1,384	73.8
Appal. No. 1	108	103	105	124	84.7
DISTRICT 1 TOTAL	1,347	1,124	1,126	1,508	74.7
Ind., Ill., Ky.	1,975	1,839	1,872	2,195	85.3
Minn., Wisc., Daks.	341	320	320	343	93.3
Okla., Kans., Mo.	663	562	562	737	76.3
DISTRICT 2 TOTAL	2,979	2,721	2,754	3,275	84.1
Inland Texas	567	508	532	584	91.1
Texas Gulf Coast	3,252	2,840	2,921	3,339	87.5
La. Gulf Coast	2,512	2,322	2,353	2,903	81.1
N. La. and Ark.	204	181	181	257	70.4
New Mexico	84	78	78	78	100.0
DISTRICT 3 TOTAL	6,619	5,929	6,065	7,161	84.7
DISTRICT 4 TOTAL	481	434	441	556	79.3
DISTRICT 5 TOTAL	2,735	2,515*	2,592*	3,091	83.9*
TOTAL U.S.	14,161	12,723	12,978	15,591	83.2
TOTAL U.S. Weeks Ended:					
NOV. 9, 1990	14,201	12,547*	12,779*	15,591	82.0*
NOV. 17, 1989	14,562	13,344	13,402	15,576	86.0
DISTRICTS 1-4 Weeks Ended:					
NOV. 16, 1990	11,426	10,208	10,386	12,500	83.1
NOV. 9, 1990	11,389	10,037	10,212	12,500	81.7
NOV. 17, 1989	11,780	10,702	10,744	12,538	85.7

* See Revisions on Page 7.

API WEEKLY STATISTICAL BULLETIN

Week Ended November 16, 1990

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil
East Coast	559	3	556	4	90	245	121
Appal. No. 1	33	1	32	--	--	30	4
DISTRICT 1 TOTAL	592	4	588	4	90	275	125
Ind., Ill., Ky.	1,092	--	1,092	5	127	430	47
Minn., Wisc., Daks.	206	10	196	--	13	97	9
Okla., Kans., Mo.	373	6	367	7	47	149	4
DISTRICT 2 TOTAL	1,671	16	1,655	12	187	676	60
Inland Texas	300	13	287	21	43	136	12
Texas Gulf Coast	1,510	13	1,497	40	263	596	205
La. Gulf Coast	1,132	12	1,120	9	310	452	151
N. La. and Ark.	66	--	66	7	6	53	12
New Mexico	44	12	32	10	2	18	3
DISTRICT 3 TOTAL	3,052	50	3,002	87	624	1,255	383
DISTRICT 4 TOTAL	241	38	203	14	32	138	16
DISTRICT 5 TOTAL	1,192	151	1,041	31	380	495	328
TOTAL U.S.	6,748	259	6,489	148	1,313	2,839	912
TOTAL U.S. Weeks Ended:							
NOV. 9, 1990	6,901	327	6,574	155	1,425	2,865	840
NOV. 17, 1989	6,962	569	6,393	236	1,274	2,955	1,079
DISTRICTS 1-4 Weeks Ended:							
NOV. 16, 1990	5,556	108	5,448	117	933	2,344	584
NOV. 9, 1990	5,730	160	5,570	119	1,015	2,416	512
NOV. 17, 1989	5,838	373	5,465	192	911	2,534	623

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2]Includes Grade No. 4 fuel oil.

STOCKS OF SELECTED PRODUCTS
(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	3,893	12	3,880	1	175	639	7,191	517	--
Central Atlantic	27,172	19	22,258	4,895	299	6,122	40,475	21,157	13,244
Lower Atlantic	26,880	18	26,730	132	501	5,855	16,035	2,647	499
DISTRICT 1 TOTAL	57,945	49	52,868	5,028	975	12,616	63,701	24,321	13,743
DISTRICT 2 TOTAL	55,326	2,481	44,939	7,906	904	8,111	27,863	3,761	15,228
DISTRICT 3 TOTAL	66,599	678	49,263	16,658	2,112	15,519	28,008	15,421	51,008
DISTRICT 4 TOTAL	7,161	1,449	3,640	2,072	314	688	2,843	536	2,057
DISTRICT 5 TOTAL	30,300	5,330	17,683	7,287	1,486	6,748	12,120	7,371	24,372*
TOTAL U.S.	217,331	9,987	168,393	38,951	5,791	43,682	134,535	51,410	106,408
TOTAL U.S. Weeks Ended:									
NOV. 9, 1990	218,572	10,252	169,133	39,187	6,585	44,830	135,789	51,107	106,659*
NOV. 17, 1989	223,456	18,433	165,670	39,353	5,866	44,118	119,264	51,894	113,089
DISTRICTS 1-4 Weeks Ended:									
NOV. 16, 1990	187,031	4,657	150,710	31,664	4,305	36,934	122,415	44,039	82,036
NOV. 9, 1990	187,430	5,007	150,878	31,545	4,793	37,765	123,900	44,222	82,702
NOV. 17, 1989	193,417	13,159	149,691	30,567	4,582	37,474	109,082	43,073	88,022

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasolin

[2]Includes Grade No. 4 fuel oil.

*See Revisions on Page 7.

API WEEKLY STATISTICAL BULLETIN
Week Ended November 16, 1990

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS, CRUDE OIL SUPPLY BALANCE AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy June 1990	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
DISTRICTS 1-4 TOTAL	Daily Average				
NOV. 16, 1990	4,377.0	4,467.0	5,107	672	261,543
NOV. 9, 1990	4,377.0	--	4,663	611	265,016
NOV. 2, 1990	4,387.0	--	5,480	596	263,861
OCT. 26, 1990	4,387.0	--	4,762	680	263,111
DISTRICT 5 TOTAL					
NOV. 16, 1990	2,848.0	2,573.0	89	--	79,672 #
NOV. 9, 1990	2,848.0	--	166	13	80,340
NOV. 2, 1990	2,846.0	--	417	28	80,617
OCT. 26, 1990	2,846.0	--	302	52	76,367
TOTAL U.S.					
NOV. 16, 1990	7,225.0	7,040.0	5,196	672	341,215 #
NOV. 9, 1990	7,225.0	--	4,829	624	345,356
NOV. 2, 1990	7,233.0	--	5,897	624	344,478
OCT. 26, 1990	7,233.0	--	5,064	732	339,478
NOV. 17, 1989	7,536.0 a/	--	5,968	494	348,943

#INCLUDES 19,122 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

a/ DOE actual for October 1989.

DAILY AVERAGE CRUDE OIL SUPPLY BALANCE[1] (In thousands of 42-gallon barrels)

Week Ended:	Current	1989 Averages Absolute	1989 Averages Positive	1989 Averages Negative
NOV. 16, 1990	-188 *	451	493	-390

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1-4	District 5	Total U.S.
Weeks Ended:							
NOV. 16, 1990	13,322	71,107	164,549	12,565	261,543	79,672 #	341,215 #
NOV. 9, 1990	15,053	71,091	166,685	12,187	265,016	80,340	345,356
NOV. 17, 1989	15,381	75,350	164,122	11,962	266,815	82,128	348,943

[1]See definitional notes, Page 6.

*Crude Oil Supply Balance number may be larger than usual due to SPR deliveries into commercial channels.

IMPORTS OF PETROLEUM PRODUCTS
(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline Finished Leaded	Motor Gasoline Finished Unleaded	Gasoline[2] Blending Components	Jet Fuel Naphtha Type	Jet Fuel Kerosine Type	Distillate Fuel Oil[3]	Residual Fuel Oil	L.P.G.	Unfinished Oils	Other	Total
New England	7	--	7	--	--	--	4	139	7	--	--	157
Central Atlantic	92	--	92	15	--	2	55	119	20	133	50	486
Lower Atlantic	37	--	37	--	--	--	17	47	--	--	17	118
DISTRICT 1 TOTAL												
NOV. 16, 1990	136	--	136	15	--	2	76	305	27	133	67	761
NOV. 9, 1990	368	--	368	31	--	34	365	408	29	35	127	1,397
NOV. 2, 1990	188	--	188	5	--	34	234	256	6	244	15	982
OCT. 26, 1990	329	--	329	8	--	17	315	320	30	89	59	1,167
DISTRICTS 2-4 TOTAL												
NOV. 16, 1990	2	--	2	40	2	1	--	5	139	187	113	489
NOV. 9, 1990	8	--	8	5	2	1	5	6	98	220	385	730
NOV. 2, 1990	3	--	3	2	2	1	3	5	189	204	194	603
OCT. 26, 1990	5	--	5	3	2	2	5	5	89	184	144	439
DISTRICT 5 TOTAL												
NOV. 16, 1990	2	--	2	4	--	1	22	9	1	1	17	57
NOV. 9, 1990	--	--	--	--	--	3	30	6	3	--	2	44
NOV. 2, 1990	4	--	4	--	--	3	3	5	16	--	10	41
OCT. 26, 1990	52	--	52	--	--	--	2	43	3	--	2	102
TOTAL U.S.	140	--	140	59	2	4	98	319	167	321	197	1,307
TOTAL U.S. Weeks Ended:												
NOV. 9, 1990	376	--	376	36	2	38	400	420	130	255	514	2,171
NOV. 2, 1990	195	--	195	7	2	38	240	266	211	448	219	1,626
OCT. 26, 1990	386	--	386	11	2	19	322	368	122	273	205	1,708
NOV. 17, 1989	431	--	431	191	--	26	296	927	135	434	160	2,600

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2]Gasoline blending components are not included in total motor gasoline imports.

[3]Includes Grade No. 4 fuel oil.

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the components stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Crude oil (includes lease condensate) produced outside the 50 states. Material from the Athabasca tar sands is included.
Reported on a Port of Entry basis.
The Total of crude oil imports includes those from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Crude Supply Balance

Crude Supply Balance is the arithmetic difference, expressed in MB/D, between those factors that make up the availability of crude oil (Supply), i.e., estimated domestic crude oil production plus imports plus or minus the change in crude oil stocks, and those factors that convert or consume crude oil (Disposition), i.e., crude oil refinery inputs, exports, product supplied (used directly as fuel) and losses. A negative volume indicates a supply greater than disposition while a positive number indicates insufficient supply to balance.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but included shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorous per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Finance, Accounting and Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE, Petroleum Supply Annual.

API WEEKLY STATISTICAL BULLETIN
WEEK ENDED: NOV. 16, 1990

REVISIONS

11/02/90	PAGE 3	UNFINISHED OILS	DISTRICT 5 TOTAL	24,873
			TOTAL U.S.	107,540
11/09/90	PAGE 1	CRUDE OIL RUNS	DISTRICT 5 TOTAL	2,510
			TOTAL U.S.	12,547
		INPUT TO CRUDE OIL	DISTRICT 5 TOTAL	2,567
			TOTAL U.S.	12,779
		% OPERABLE	DISTRICT 5 TOTAL	83.0
			TOTAL U.S.	82.0